G. R. S. IX-5]

Previous references.

Med 120-16(1+2) 1917-18
" 135-10(1,3,7,11+13)(Med)

~~Later references.~~
" 171-20(1+15-a+16)

File No. 95-17

Serial Nos. 1

May be preserved

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 1

Part B for July 1821

SUBJECT.

New Buildings for the Maternity Hospital Bangalore.

Vide Med 171-20 (1+15; 15-a +16)

A R Wh
27.9.21

WD 1888—GPB—16,526—23-7-21

G. R. S. III—1] 1917-18

GENERAL AND REVENUE SECRETARIAT.

(Med)

NOTES.

File No. 75/17

FILE HEADING.

New Buildings for the Maternity & Hospital Bangalore —

From The Senior Surgeon.

No. 500 Dated 13.3.18 Received 15-3-18/16

Diary No. 2236	Enclos.	Spare Copies.	Serial No. 1

BRIEF ABSTRACT OF LETTER.

Forwards rough plans and estimates for the construction of a new Maternity Hospital in Bangalore and requests that administrative Sanction may be accorded to the rough estimates amounting to 7 3/4 lakhs of rupees and for the acquisition of private parks in the area on which the new buildings will be built

NOTES AND ORDERS.

Attention is invited to the following orders

M 8890-1/med 135-10-19 dated 23rd May 1912

S 1678/med 181-13-2 dated 15th Aug 1914.

Q 2529/med 123-14-2 dated 24-9-15th

Ref. New buildings have been constructed for the General Hospital, Vellore and a local medical School has been opened in a part of the Victoria Hospital buildings

18/3/18

NOTES—First Sheet.

WD 1232—GPB—20,000—18-11-16

G. R. S. III-2]

General and Revenue Secretariat.

Med File No. 95 of 1917-18

Serial No.

(3) It will appear from the files put up that the idea of having the Maternity Hospital in the fort originated years ago about the time of the opening of the Ellinto Oph. Hospital. In 1912 it was ordered to lie over till the Genl Hospl Wing was completed, and has come up again for consideration now in accordance with orders issued in 1915 when certain additions to the present Mty Hospl Building were proposed

(4) It has to be definitely decided whether, and if yes when approximately the new buildings can be constructed for the purpose of the Maternity Hospital

(5) If this it is likely to take some years before they can be constructed & addition of some temporary structures to the hospital may be sanctioned for very necessary purposes may be sanctioned

(6) The amount of estimated expenditure for new buildings being very large, 7¾ Lakhs, the latter is the better course

Chief Secy) MW 20/3/18

(7) A new Maternity Hospital is necessary shd to be taken up in the near future The present proposals appear suitable

CDY

IV
Please put up the rough plans & revised rough estimate
MW 20/3/18

Attended to
KP
21.3.18

NOTE—Contn. sheet.

1.4.18 Extraordinary member) 30/3/18 MW 30/3/18

WD A 1799—GPB—60,000—20-3-18—S.

WD 1233—GPB—60,000—1-12-16—S.

G. R. S. III-2]

General and Revenue Secretariat. | Med File No. 95 of 1917.

Serial No.

The site selected for the construction of the Maternity is a good one and seems suitable in every way. It is conveniently situated in the heart of the City, within easy reach of people and close to the other two large Hospitals, viz., the Victoria Hospital and the Minto Ophthalmic Hospital.

Administrative sanction may be accorded to the estimate and the Public Works Department consulted as regards ways and means for finding the necessary funds.

The acquisition of the properties in the area, regarding which the Senior Surgeon wants orders to be passed is estimated to cost Rs.150000 If funds can be found, the necessary declaration statement may be called for.

When the present Maternity buildings are given up, they may be utilized for locating some of the offices now located in rented buildings.

5-4-18.

Bringup

6/4

5386 11.4.18

Dewan)

10/4/18

18/4

The papers may be brought up at a meeting of

NOTE—Contn. sheet.

2236

WD 1233—GFB—60,000—1-12-16—S.

G. R. S. III-2

General and Revenue Secretariat.

Med File No. 95 of 1917-18

Serial No.

Council.

The plans seem to have been prepared with great care. The rough proposals seem very good but I do not think we are in a position to spend a sum of Rs.8 ~~lacs~~ on such an ideal scheme.

We have to maintain a correct sense of proportion between the resources of the State and the requirements of special institutions like this and if a scheme is to sanctioned in the present condition of the finances of the State, it will have to be on a much more modest scale.

It might, perhaps be desirable, if possible, to acquire and ear-mark thus early, the land required for the new maternity. It is also necessary to consider whether the present buildings with temporary additions, might not answer for another 5 or 10 years to come.

Some definite course of action should be laid down on all the above points after discussion at a meeting of Council at which the Extraordinary Member may be able to attend.

(with 7 plans)

8.5.18. LB

CS.
Circulate & note for meeting

MM
MW 9/5-9/5/18

NOTE—Contn. sheet.

(For Disposal at a Meeting)

No. C. 675-

17/5/1918.

GENERAL AND REVENUE SECRETARIAT.

COUNCIL MATTER.

SUBJECT.

(Clause xii of the Schedule)

Proposals for the construction of a new Maternity Hospital in Bangalore.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

C Balasundaram

13th May 1918.

Chief Secretary to Government.

Extraordinary Member of Council. 15.5.

First Member of Council. 26/5

Second Member of Council. I support the 4th member proposal

4222/25/5

18/5.18

112/7.6.18.

WD 2670—GPB—1,000—11-5-17

7.6.18

S.M.

Subject.-Clause xii of the Schedule.

Proposals for the construction of a new Maternity Hospital in Bangalore.

Opinion of the Council.

~~Note~~

Note

The acquisition of the land maybe taken up early next year. ~~Detailed estimate maybe~~ Consult Chief Engr. if funds can be found.

Engr. maybe asked if a sketch is drawn whether the Maternity may not remain where it is

CBJ
25/6/48

~~Assistant Secretary~~, Branch IV (Med.)

File scanned & found in good form in the Council Section

~~CBJ~~
18/7/21

Vide order Med 171-20 (1-15, 15A to 16)

Med 95-17-1.

No. G. C. 500
Encls. 10

Office of the Senior Surgeon, Mysore-Govt..

Dated, Bangalore, 13 - 3 - 1918.

R. 2236

From

Rajakarya Pravina

Rao Bahadur T. V. Arumugum Mudaliar, Esq., M. B., C. M.,

Senior Surgeon with the Government of

H. H. the Maharaja of Mysore, Bangalore.

To

Chief
The Secretary to the Government of

H. H. the Maharaja of Mysore,

~~Dept.~~, Bangalore.

Sir,

Q With reference to your letter No. 2529/Med. 123-14-2, dated, 25th September 1915, I have the honor to forward herewith a copy of letter No. 2677, dated, 1st March 1918, from the Chief Engineer, Bangalore, together with the rough plans and estimates for the construction of a new Maternity Hospital in Bangalore and to state that the plans are designed to meet the requirements of a Maternity according to the modern standard. They have been prepared in consultation with me and the buildings when completed will be quite in keeping with the two existing Medical Institutions in the locality.

I request that sanction in the Administrative Department may kindly be accorded to the rough estimates which amount to Rs. 7,75000/- the cost being spread over 2 or 3 years and that the Chief Engineer may be requested to have the work put in hand at an early date.

Orders may also be passed regarding the acquisition of the private properties in the area to make available for constructing the new buildings.

I have the honor to be,
Sir,
Your most obedient servant,

T. V. Arumugum

Senior Surgeon.

From

The Senior Surgeon,

Mysore Govt., Bangalore.

To

The Secretary

to the Govt. of Mysore,

Deptt.,

Bangalore.

Dated 13-3-1918

No. G. C 500

Encls. 10 Secy with encls

19658

Subject.

Requests sanction to the rough estimates which amount to Rs 7,75000/ for the costruction of a new Maternity Hospital in Bangalore.

Letter No. 2677 dated, 1st March 1918, from the Chief Engineer, Bangalore, to the Senior Surgeon in Mysore Bangalore.

-------oOo--------

With reference to correspondence ending with your D.O. No. C 890-4, dated, 20th February 1918, I have the honor to forward herewith, the rough plans and estimates received from the Superintending Engineer, Southern Circle, for the new Maternity Hospital, Bangalore, prepared in accordance with the requisition of the Lady Medical Officer of the Maternity Hospital to the Executive Engineer, Bangalore Division, and to request that Administrative sanction to the proposal may kindly be obtained in your Department and communicated to me. On receipt of the same detailed estimates will be prepared and sanction to the construction will be obtained in this Department.

The rough plans and estimates have been examined by me and are quite suitable. They have been designed by the Architectural Assistant of this Department and his note which accompanies the estimate explains the propsals

----

"C O P Y."

Senior Surgeon.

Note on the design of the Maternity Hospital for Women, Bangalore.

- - -

The accompanying drawing No.1 is a pictorial representation of the whole hospital buildings.

No.2 is a site plan showing the layout of roads and the allocation of buildings on the proposed site.

" No.3 gives the ground floor plan of the Hospital buildings.

" No.4 gives the first floor plan of the Hospital buildings.

" No.5 gives the elevations of the hospital buildings.

" No.6 gives plans of combined - students' hostel and nurses home.

" No.7 gives plans of subsidiary buildings.

II. Site.

The site selected, though only just sufficient for the requirements, is certainly the best to plant an institution like this and great pains have been taken to allocate the - buildings in as best a way as possible. The best position for the hospital proper was found to be the corner, between Fort road, Fort centre road and Albert Victor roads having - the frontage of the building facing the latter. The old - magazine and the church are left undisturbed. The compound walls facing Albert Victor and Fort Centre roads are brought nearer the roads leaving a berm of 15 feet in width, in order

order to accommodate the Hospital fully.

III. The building is kept only sufficiently away from the roads to suit the best principles of Town planning, but considering the purpose for which it is to be used, arrangements will be made in working out the details of the design to give (purdanashin character) by providing jali ballustrades 5 feet high in front of verandahs to screen the patients from being exposed to the public. Kunkar plots of sufficient width are given all round the wards in order to improve the sanitary condition of them.

IV. The Hospital building is divided into three blocks viz., the administration, baths and ward blocks including sanitary turrets and kitchens, connected with each other by a corridor 8 feet in width.

This is designed to accommodate 84 beds as per requirements given namely

Brahmins.	Ordinary beds.	...	12.
"	Special beds.	...	3.
Europeans.	Ordinary beds.	...	12.
"	Special beds.	...	3.
Gynaecology.	"	...	4.
Septic.	"	...	4.
Gosha Muhammadans	Ordinary beds.	...	8.
	Special beds.	....	3.
Lingayats.	Ordinary beds.	...	8.
"	Special beds.	...	3.
Hindus.	Ordinary beds.	...	20.
"	Special beds.	...	4.
	Total.		84.

with scope to have additional 12 beds, in the future.

V. Administration.

Next to the entrance porch, the female and male waiting rooms

rooms, and dispensary are placed on either side of the corridor. The Medical Officer and the Resident Medical Officers rooms are placed at the ends of the block with separate entrances and verandahs for their personal use.

VI The stair case with the bed lift in the centre and a wide turning space in front forms a central feature of the block. The operating theatre takes the northern end of the administration block and has high windows facing north. This has an - instrument's room, a sterlizing room, a recovery room and an anaesthetic room on the sides of it, and has a students gallery over, at a height of 8 feet to which access is to be obtained from the landing of the stair case. In the first floor of this block, accommodation for Nurses, Matrons, Assistant - Matron, students, and stores are amply provided. In front of this block a gate keeper's room is also provided.

VII. Dressing and Baths.

These blocks consisting of one slop-sink, two baths, one W.C. one dressing room and a sweeper's stair each, are kept - as near as possible to, but still sufficiently away from the wards, so as to allow ample light and fresh air into them.

VIII. Ward blocks.

These blocks are kept at ends with each floor allotted to different caste patients. Every cast block has separate lavatories and verandahs for the use of ordinary and special patients, though of course, the kitchen, is kept common to both Every block has a duty room, 13' x 13' with a lavy and a linen store attached to it.

IX. The wards are designed to have a cubical contents of 1,500 per bed as per regulations re: Hospital planning in India. The cast kitchens have separate store rooms and court yards, with

with paths connecting with the traders entrances in the east and west of the site.

X. The labour rooms, Indian and European with bath, sterlizing and waiting rooms, are kept at ground and first floors respectively of the North-west block. They will have special high windows at a height of 6 feet from floor level in order to screen the patients from being exposed to sight.

XI. Elevation.

The perspective view and the elevation given in drawings Nos.1 and 5 respectively show clearly the appearance of the hospital buildings. The style used is Dravido-Chalukyan with a little classic feeling. It is made to suit to a certain extent, the Minto Hospital close by, having all necessities for a hospital elevation. A clock is also provided in the centre of the central turret.

XII. Combined Nurses Home and Students' Hostel.

This forms the next important building and is designed to accommodate:-

European Nurses.	3.
Indian Nurses.	3.
Matron.	1.
Assistant Matron.	1.
European Students.	6.
Indian Students.	12. (in first floor).

with separate kitchens, bath rooms etc., for each. This block of partly double storied building is situated in the centre of the site facing the Fort centre road and is surrounded by a compound wall all round, with an entrance gateway in the centre In this provision is made for two tennis courts, one for the use of students and another for Nurses. A block of eight servants' quarters is also provided very near to the back of the building. The elevation of this will be worked out to -

to suit the general tone of the Hospital building.

XIII. Subsidiary buildings.

The other important buildings are quarters for Medical Officer, Resident Medical Officer, the Lady Apathacary. The former two have servants' quarters, stables, coach house and garage, while the latter has only servant's quarters, stables, and a coach house.

Plans of laundry, cow-shed, contractor's store and quarters for all servants and cooks, given in drawing No.7 complete the scheme.

XIV. Finish of building.

The outer walls of the Hospital buildings are to be constructed of burnt stone in lime with pointing outside and plastering inside. All subsidiary buildings and the inner walls of the hospital buildings will be constructed of bricks plastered inside and out. Foundations and plinths of all buildings are to be of burnt stones in chunam, with one face dressing for the latter. Roofs of all buildings are to be either terraced or hipped as the case may be, to suit the elevation. The compound wall facing fort centre road and Albert Victor - roads are to be of stone whereas the wall facing fort road, may be, of stone or brick plastered over as funds permit.

XV. Estimate.

The estimate is prepared on plinth areas of the cufrent war rates and is expected, that by the judicious handling of the details, the estimate will not be allowed to exceed. In this provision is made for all items of expenditure such as - Sanitary fittings, drainage, water supply, electrical installation, bed lift, &c., that do not form part of a Hospital equipment.

XVI. Conclusion.

The design of this hospital has been worked out on the beast principles of modern hospital planning and it is assured that it will be one of the well built institutions in this State, provided the author is allowed to work out the details in the beat way possible ~~This Hospital for women and maternity is named after Her present Highness by the author and desires that Her Highness may kindly be requested to lay the foundation stone of this Institution.~~ The whole scheme is to be completed in the course of some years, with the construction of as many buildings each year as funds permit.

Yahamayan
Architectural Asst.

PLINTH AREA ESTIMATE.

(1) Hospital Buildings.

Double storied buildings.

Administration.	1 x 23½ x 52½.	=	6,483¾.	
''	2 x 15½ x 2¼.	=	69¾.	
''	1 x 23 x 2¼.	=	51¾.	
	1 x 32½ x 30½.	=	991¼.	
Bath & dining room.	2 x 37 x 27.	=	1,998.	
Corridors.	2 x 56½ x 11.	=	1,243.	
Wards.	2 x 124½ x 42½.	=	1,0582½.	
	3 x 2 x 22 x 12½.	=	1,650.	
	2 x 31½ x 13½.	=	850½.	
	2 x 8 x 2.	=	32.	
	1 x 39 x 42½	=	1657½	
Wards.	1 x 92½ x 42½.	=	3,931¼	
	Total.		29,541¼ @ Rs. 10 =	295415.
Single storied.	2 x 52½ x 28½.	=	2,992½.	
'' ''	2 x 41 x 11.	=	902.	
	2 x 10½ x 8½.	=	178½.	
	?	=	?	
Operating theatre.	1 x 95 x 27.	=	2,565.	
Projection.	2 x 22½ x 3.	=	135.	
	Total.		6773 @ Rs.6/8=	44,025.
Kitchen.	2 x 31½ x 16.	=	1,008.	
Stores.	2 x 42 x 14.	=	1,176.	
	Total.		2,184 @ Rs.4 =	8,736.
Lay and store.	2 x 42 x 8.	=	672 @ Rs.3/8=	2,352.
Porch.	1 x 22½ x 19½.	=	438¾@ Rs.6/8=	2,854.
Covered way	2 x 35 x 8	=	400 @ Rs.3 =	1,200
	(Carried over)		Grand total.	3,54,580.

		-Brought-forward-		3,54,580.
(2) Nurses Home and Students Hostel (one in No.)				
	1 x 123 x 22 =	2,706.		
	1 x 21 x 2½ =	52½.		
	Total.	2,758½.	@ 8/-	22,068
Single storied buildings.				
	2 x 68 x 42½.=	5,780.		
	2 x 42 x 24 =	2,016.		
	Total.	7,796.	@ 4/8.	35,082.
(2) a. Kitchen.	2 x 25 x 21½ =	1,075.		
''	2 x 2 x 12x1½=	72.		
''	2 x 17 x 21½ =	731.		
''	2 x 2 x 12x1½=	72.		
''	1 x 18½ x 12½=	331¼.		
''	1 x 18½ x 6 =	111.		
''	1 x 11½ x 10-=	115.		
''	3 x 10 x 6½ =	195.		
	Total.	2,602¼.	@ 3/-	7,807.
(2) b. Entrance gateway.				
	1 x 20 x 12 =	240	@ 4/8/o	1080.
	2 x 15 x 12½ =	375	@ 3/-	1,125.
		Grand total.		67,162.
3. Laundry (1 in No.).				
Main portion.	1 x 26½ x 17½=	463¾.		
	1 x 43 x 10 =	430.		
	Total.	893¾.	@ 4/8/O	4022.
	1 x 20 x 18 =	360	@ 3/-	1,080.
		Grand total		5102.
4. Servants Latrine (3 in No.)				
Latrine.	3 x 7½ x 6 =	135.	@ 2/4	303¾.
		Grand total.		304=.
Servants quarters for Resident Medical Officer and Medical Officer. (2 in No.)				
Servants quarters.	2 x 38 x 23 =	1,748.	@ 3/0/o	5,244.
			Grand total.	5,244.
		-carried-over		4,32,392.

Brought forward- 4,32,392.

(5) Carriage shed and stables for Resident Medical Officer.

(One in No.)

Garage etc.,	1 x 74 x 22½	1,665 @ 3/0/0	4,995.
		Grand total.	4.995.

(6) Medical Officer or Resident Medical Officers quarters

(two in No.)

Body of	1 x 80 x 42	=	3,360.	
	1 x 84½ x 10½	=	887¼.	
	2 x 18½ x 2¼	=	83¼.	
Porch.	1 x 20 x 18½.	=	370.	
Back projection.	1x 15 x 6	=	90.	
	Total.		4,790½ @ 4/8	21,557.
Kitchen.	1 x 27½ x 18	=	495.	
	1 x 14 x 2	=	28.	
	1 x 30 x 7½	=	150	
	Total.		673 @ 3/-	2,019.
			Grand total.	23,576.

(7) Lady Apathaccary's Quarters.

Main.	1 x 48½ x 40	=	1,940.	
Porch.	1 x 18 x 18½	=	333.	
	Total.		2,273 @ 4/8/-	11,229.
Kitchen.	1 x 26 x 16	=	416.	
	1 x 14. x 2¼	=	32⅝	
	1 x 12 x 6	=	72	
	Total.		520⅝ @ 3/-	1,562.
			Grand total.	12,791.

(8) Sub Assistant Surgeon's quarters (1 in No.)

Main block.	1 x 66 x 40	=	2,640 @ 4/0/0	10,560.
Out houses.	1 x 66 x 12	=	792. @ 2/8	1,980.
			Grand total.	12,540.

Carried over- 4,86,294.

-Brought-forward- 4,86,294.

(9) Steward's Quarters.

Main block.	1 x 51½ x 25	=	1,287½		
	1 x 22½ x 9½	=	213¾		
		Total.	1,501¼	@ 4/0/0	=6,005.
Out houses.	1 x 21 x 11	=	231	@ 2/8	577
			Grand total.		6,582.

(Cow shed and contractors stores) (two buildings in No.)

Buildings.	1 x 27 x 12	=	324	@ 2/8	810.
			Grand total.		810.

(10) Compounder's Quarters (One building).

Main.	1 x 57 x 28		1,596	@ 3/8	5,586.
Out houses.	1 x 57 x 8	=	456	@ 2/8	1,140.
			Grand total:		6,726.

(11) Brahmin Servant's quarters (one in No.)

Main.	1 x 24 x 26½	=	636.		
Front.	1 x 43½ x 10	=	435.		
		Total.	1071	@ 3/8	3,748½.
Out houses.	1 x 24 x 7½	=	180	@ 2/8	450.
			Grand total.		4,199.

(12) Quarters for six non-brahmin servants, or for 8 Hostel servants (2 in No.)

Main portion.	2 x 96½ x 25	=	4,825	@ 3/8	16,887½.
Out houses.	1 x 96½ x 7½	=	724	@ 2/8	1,810.
			Grand total.		18,698.

(13) Quarters for 4 servants or for 4 ayahs. (two in No.)

Main portion.	2 x 50 x 23½	-	2,350	@ 3/8	8,225.
Out houses.	2 x 50 x 7	=	700	@ 1/12	1,225.
			Grand total.		9,450.

-Carried-over- 5,32.759.

-Brought-forward- 5,32,759.

(14) Sweepers quarter (1 in No.)

Body.	1 x 26 x 22½	= 585 @ 3/4	1,901¼
Out houses	1 x 26 x 7	= 182 @ 1/12	318½.
		Grand total.	2,220.

(15) Mortuary.

Buildings.	1 x 43½ x 25	= 1,087½	
	1 x 26½ x 2¼	= 59⅝	
	Total.	1,147⅛ @ 4/8/0	= 5,163.
		Grand total.	5,163.

(16)	Bed lift.	7,500.
(17)	Electrical installation.	7,500.
(18)	Water supply.	7,500.
(19)	Compensation for land.	1,50,000.
(20)	Compound wall, gate etc.	10,000.
(21)	Drainage and sanitary fittings.	50,000.
	Total cost of the whole scheme.	7,72,642 or say 7,75,000.

Alahanagam
Architectural Asst.

G.R.S. III—3]

Routine Notes.

[To be used only for notes, requisitions, etc., not intended for permanent record.]

The estimate for 7 3/4 lakhs of rupees ~~provides for~~ includes 1½ lakhs of rupees towards payment of Compensation for land to be acquired for the buildings

It seems unnecessary to call for the details of the properties to be acquired since these will be specified in the declaration Statement proposed to be called for

Thus the only ~~Consequential~~ point ~~point on which a decision~~ which will have to be decided at present is whether these necessary funds can be made available.

1½ lakhs would be immediately required for acquisition & 1½ lakhs for starting Construction expenditure during one year

N.B.—Should routine notes be written on small slips, the notes must be copied, or slips pasted on this form.

W. D. 81—GPB—~~3,000,000~~ 3 lakhs

This seems a Council matter

So the D.P.W has to be Consulted ~~if so~~ as to the need

It may be necessary to send Submit the file to the ~~Secretariat~~ in the first instance

this Sum is proposed to be provided in the budget for 1918—19